

19990718.qrp v01_n522.qrl.990718

Date: Sun, 18 Jul 1999 19:03:18 EDT

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1522

QRP-L Digest 1522

Topics covered in this issue include:

- 1) [45409] JOY OF...Re: SW20 and DSW40
by S LYON <sslyon@worldnet.att.net>
- 2) [45410] DSW / AA1MY ON 14.060 +/-
by S LYON <sslyon@worldnet.att.net>
- 3) [45411] New at site
by "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
- 4) [45412] ten tec 1330
by Ron Rollinson <ronr@nowonder.com>
- 5) [45413] QRP-L CD ROM (W8KC Release) NOW CLOSED!!!
by "Paul R. Valko" <prvalko@oakland.edu>
- 6) [45414] Re: QRP-L CD ROM (W8KC Release) NOW CLOSED!!!
by Barry J Minsky <w2bj@juno.com>
- 7) [45415] Low Power Experiment Again
by Ed Kessler <edkess@epix.net>
- 8) [45416] ICOM Mike connectors
by malman@world.std.com (Joel Malman)
- 9) [45417] Omni-C ALC MOD???
by "Tim Cook" <timcook@erinet.com>
- 10) [45418] Re: ICOM Mike connectors
by "John J. McDonough" <jjmcd@tm.net>
- 11) [45419] re: w8kc qrp-l cd
by "ke5tc" <ke5tc@crosstel.net>
- 12) [45420] ATTN: WILLIAM BLACK
by tom whalen <wb5qyt@eFortress.com>
- 13) [45421] NorCal - Embedded Research Surface Mount Ft. Tuthill Early Bird Event
by Jay Bromley <w5jay@alltel.net>
- 14) [45422] Re: ICOM Mike connectors
by "Steve Yates, AA5TB" <aa5tb@swbell.net>
- 15) [45423] Re: ICOM Mike connectors
by Jay Freeman <jayFreem@direcpc.com>
- 16) [45424] Re: QRP-L CD ROM (W8KC Release) NOW CLOSED!!!
by Pete Burbank <plburbank@kih.net>
- 17) [45425] Nice surprise in the mailbox today
by Jay Freeman <jayFreem@direcpc.com>
- 18) [45426] Re: UTC or ZULU
by "Tracy Underwood" <ku4fl@email.msn.com>
- 19) [45427] Re: ICOM Mike connectors

- by "Tracy Underwood" <ku4fl@email.msn.com>
- 20) [45428] Re: ICOM Mike connectors
by "Tony Fishpool" <g4wif@btinternet.com>
- 21) [45429] QRP-l Archive CD
by David J Adams <adamsclan@netgate.net>
- 22) [45430] QRP-L Archive CD
by Roger Hightower <n7kt@earthlink.net>
- 23) [45431] Re: UTC or ZULU
by Russ Dow <n7dw@garlic.com>
- 24) [45432] Books
by "Randall K. Kennard" <Firefox@Southwind.Net>
- 25) [45433] Ladder line
by "Alex Mendelsohn" <ai2q@ispchannel.com>
- 26) [45434] Thanks to LZ2RS and AD6A - 1st CW DX QSO (Long)
by "Dwain Lawhon" <dlawhon@ix.netcom.com>
- 27) [45435] Need QRP info.
by "Alex" <aturner@netunlimited.net>
- 28) [45436] Ten Tec model 255 power supply info needed
by "Tim Cook" <timcook@erinet.com>
- 29) [45437] Re: ICOM Mike connectors
by dave_epps@juno.com
- 30) [45438] Re: Nice surprise in the mailbox today
by Dean W Manley <kh6b@juno.com>
- 31) [45439] PL for IC-2AT
by k5xu@concentric.net
- 32) [45440] CW TX Speed question
by Bill B Lazure <n2tpa@juno.com>
- 33) [45441] Band width with wit: Have you been hamming too long.
by guillotstutoring@juno.com
- 34) [45442] LADDER LINE SOURCE
by ARDUJENSKI@aol.com
- 35) [45443] Sell: HW-9 WARC kit
by Hugh Duff <hduff@ica.net>
- 36) [45444] Re: New 2N2/40 Circuitry
by "John J. McDonough" <jjmcd@tm.net>
- 37) [45445] help on QSL program
by osier <osier@northnet.org>
- 38) [45446] Re: PL for IC-2AT
by Russ Dow <n7dw@garlic.com>
- 39) [45447] Re: UTC or ZULU
by Monte Stark <ku7y@dri.edu>
- 40) [45448] Re: UTC or ZULU
by "Dan Hogan" <dhhogan@nav.cnchost.com>
- 41) [45449] Re: UTC or ZULU
by "George Heron" <n2apb@erols.com>
- 42) [45450] re: conversion chart utc
by "ke5tc" <ke5tc@crosstel.net>
- 43) [45451] Gold Rush

- by malman@world.std.com (Joel Malman)
- 44) [45452] Re: Nice surprise in the mailbox today
by Macstein@aol.com
- 45) [45453] RE: SW20 DXing
by "Prof.Arnaldo Coro Antich" <inforhc@mail.infocom.etecsa.cu>
- 46) [45454] RE: 20 meters short skip QRP
by "Prof.Arnaldo Coro Antich" <inforhc@mail.infocom.etecsa.cu>
- 47) [45455] Canoe Trip
by Jeff Davis <jeff@jehosophat.com>
- 48) [45456] Argghhhh!!!!!! de AL7FS
by Jim Larsen AL7FS <al7fs@pobox.alaska.net>
- 49) [45457] RadioKit K1BQT QRP Xcvrs
by SMurph555@aol.com
- 50) [45458] SST's for sell
by rbcallahan@juno.com
- 51) [45459] DSW-20 on the air at USS Kidd
by n5ib@juno.com
- 52) [45460] Tuna Tin 2 Revival
by David Gauding <david.gauding@bbs.galilei.com>
- 53) [45461] Gold Rush
by marklori@visuallink.com
- 54) [45462] Beach side radio adventures
by Nils R Young <nilsbull@juno.com>
- 55) [45463] Re: Argghhhh!!!!!! de AL7FS
by "Marshall Emm" <mgemm@mtechnologies.com>
- 56) [45464] CW Decoder in QST
by "Frank Matthews" <fmathews@pilot.infi.net>

Date: Sat, 17 Jul 1999 20:02:07 -0400
From: S LYON <sslyon@worldnet.att.net>
To: inforhc@mail.infocom.etecsa.cu
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [45409] JOY OF...Re: SW20 and DSW40
Message-ID: <3791197F.BFA12718@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Greetings, Arnie

yes the DSW-20 is ready and I'm the proud owner of one. Just got on here to announce my first contact with it was IAN, 2C3KJN who gave me a 339 to his 559. Ant. here is a 70' open-wire fed dipole sloping from 40' down to 25', located in the city of Beacon, NY, and close to the apex of a round-the-block 3800v distribution system!! Conditions are what I describe as "funky" with lots of QRN/QSB.

Dave Benson is a Saint. He's consistently provided superlative support, and recently helped me in some of my most embarrassing moments in ham radio. The DSW is a dream machine -even running "ugly style" clip-leds all over my patio table.

I'm going back to my patio! 72

-s-

Prof. Arnaldo Coro Antich wrote:

>
> Hi, for the last three days I have enjoyed
> my SW20... DX to Europe seems to be an
> everyday affair... I even depart from my
> usual QRP operating procedures, and go
> ahead and call CQ many kiloHertz away from
> the usual 14.060 QRP frequency with excellent
> results... Not even giving any hints about
> C02KK operating QRP, and still enjoy nice
> two way DX contacts...
> Now... here are my questions ...
> 1. Is there a DSW20 already ?
> 2. The DSW40 provides some frequency indication ?
> BTW, I did experience a little problem with
> the SW20... was hearing a tone all the time
> when receiving... a request for advice from
> the designer brought a prompt, accurate and
> very well explained answer, which helped me
> solve the problem... (it was MY keyer, not
> Dave's circuit what was causing the tone, due
> to the keyer driving the PNP switch into
> conduction when nothing was keyed !!!)
> I am very pleased with the SW20's receiver
> performance, and have noticed an additional
> characteristic not fully explained in the
> manual... The audio frequency response curve
> I am getting with my headphones allows me
> to listen for long periods without hearing
> fatigue... something I noticed from the first
> night spent exploring 14.015 to 14.064 kHz, the
> frequency range of my SW20, which I find
> quite adequate... but maybe I could try some
> day to shift it down to the band edge just
> to work a few of the QRO types there and give
> them a practical hands on experience of
> QRP !!!
> 72 and look for me on 14 MHz ... around
> 14060 kHz

> Arnie
> C02KK
>
> e-mail:arnie@radiohc.org
> e-mail:inforhc@mail.infocom.etecsa.cu
> Postal address:
> Prof. Arnaldo Coro Antich
> La Torre no.127 entre 35 y 37
> Nuevo Vedado, Plaza
> Ciudad Habana , 10600
> CUBA

--

'Seab' Lyon - AA1MY
Beacon NY USA FN-31
QRP-L 574 ARCI 9253

Date: Sat, 17 Jul 1999 20:05:27 -0400
From: S LYON <sslyon@worldnet.att.net>
To: qrp chat <qrp-l@Lehigh.EDU>
Subject: [45410] DSW / AA1MY ON 14.060 +/-
Message-ID: <37911A46.53A2F531@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Thanks to NN1G generosity and skill, I'm on 20 with the DSW -ugly style.
Just worked Ian, 2C3KJN for a 339 report... not bad for a first qso.
I'll be out there on my patio for a while if any one's interested.

72
=S=
--

'Seab' Lyon - AA1MY
Beacon NY USA FN-31
QRP-L 574 ARCI 9253

Date: Sat, 17 Jul 1999 21:26:43 -0400 (EDT)
From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
To: QRP-L List <qrp-l@lehigh.edu>, gqrp@onelist.com, towertalk@contesting.com,
antennas@qth.net, antennaware@contesting.com
Subject: [45411] New at site

Message-ID: <Pine.GS0.4.10.9907172123360.6608-100000@moe.cas.utk.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Several requests and strong feedback from the original CQ article (a sort of tutorial for newcomers to antenna patterns as derived from models) has led me to place a revised version of the item on Getting the Most Out of Antenna Patterns at my site--listed about a third of the way down the Modeling section. It is fairly long with 21 figures, so downloading is a bit slow, but I hope it is useful to some one.

-73-

LB, W4RNL

L. B. Cebik, W4RNL	/\	/\	*	/	/	/	(Off)	(423)	974-7215
1434 High Mesa Drive	/	\	\	\	----	/\---	(Hm)	(423)	938-6335
Knoxville, Tennessee	/\	\	\	\	/	/	(FAX)	(423)	974-3509
37938-4443	USA	/	\	\	\	\			cebik@utk.edu
	URL:	http://web.utk.edu/~cebik/radio.html							

Date: Sat, 17 Jul 1999 21:37:07 -0400
From: Ron Rollinson <ronr@nowonder.com>
To: qrp-1@Lehigh.EDU
Subject: [45412] ten tec 1330
Message-ID: <3.0.1.32.19990717213707.00698930@nowonder.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi Folks,

I bought one of these Ten Tec kits at Dayton about 2 months ago and finally finished it about 4 weeks ago. What a neat radio. I've never had a rig with such smooth QSK and I've made more contacts in the last month than I've probably made in the last 3 years. My CW is getting back up to where it used to be and I'm coming out of somewhat of a ham radio slump. I'm sure I don't have to tell this group, but QRP sure is a kick! Anyway, just wondering if anyone knows of or has done any mods to improve this radio. Please e-mail directly since I'm in digest mode and don't always have time to read all the posts each day.

73,

Ron, NR80

p.s. Next is the Red Hot Norcal 20... Can't wait.

Date: Sat, 17 Jul 1999 21:45:17 -0400 (EDT)
From: "Paul R. Valko" <prvalko@oakland.edu>
To: QRP List <qrp-l@lehigh.edu>
Subject: [45413] QRP-L CD ROM (W8KC Release) NOW CLOSED!!!
Message-ID: <Pine.OSF.3.95.990717212804.21612G-100000@saturn1.acs.oakland.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Whew!!! That's it! I'm out of time, patience, envelopes, CD's, ink, labels and money. (You guyz that got the CD's before mailing the dough oughta pony up, now)

If you have NOT contacted me for your copy of the QRP-L Archive, W8KC edition, please find one of the other fine volunteers who have kindly offered to do this job.

If you HAVE contacted me, you are covered. I'm mailing all the rest of the CDs this weekend. Please send the cash, my daughter wants her piggy bank restocked.

Looks like I have made over 100 of these. That's over 21 hours of burn time on my laser!!! I think that's about enough :-)

These W8KC CDs are sure to be a collector's item, probably as sought after as 49ers and 38 Specials - don't know what THEY are????!!! You shoulda bought a CD!

You fellas that got an early version with the different colors on the labels are especially lucky!!! Look for them to start popping up on Ebay.

73! =paul= W8KC
Collector of Ten*Tecs and other fine plastics
<<http://www.acs.oakland.edu/~prvalko>>

Date: Sat, 17 Jul 1999 21:51:53 -0400
From: Barry J Minsky <w2bj@juno.com>

To: prvalko@oakland.edu
Cc: qrp-1@Lehigh.EDU
Subject: [45414] Re: QRP-L CD ROM (W8KC Release) NOW CLOSED!!!
Message-ID: <19990717.221646.-341129.0.w2bj@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Paul,
I received mine and have been having a good time looking up info on my rigs. Thank you for all of your effort. You are appreciated!

On Sat, 17 Jul 1999 21:45:17 -0400 (EDT) "Paul R. Valko"

<prvalko@oakland.edu> writes:

>
> Whew!!! That's it! I'm out of time, patience, envelopes, CD's,
> ink,
> labels and money. >
> Looks like I have made over 100 of these. That's over 21 hours of
> burn
> time on my laser!!! I think that's about enough :-)
>
> These W8KC CDs are sure to be a collector's item, probably as sought
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> as 49ers and 38 Specials - don't know what THEY are????!!! You
> shoulda
> bought a CD!
> 73! =paul= W8KC
> Collector of Ten*Tecs and other fine plastics
> <<http://www.acs.oakland.edu/~prvalko>>
>
>

72/73,

Barry J. Minsky, W2BJ
ARRL, QRP ARCI #8871, NorCal #1560, QRP-L #1543, FISTS #2701, Century
Club #569, Platinum #51, FISTS CW Club of Coastal Georgia, Knightlites,
Adventure Radio Society #359,
Six Club #151, QCWA #29298, OOTC #3723
Amateur Radio Missionary Service

Date: Sat, 17 Jul 1999 23:03:46 -0400
From: Ed Kessler <edkess@epix.net>
To: qrp-1@Lehigh.EDU
Subject: [45415] Low Power Experiment Again

Message-ID: <37914411.5D26BF9B@epix.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Just in case anyone is following my little experiment:

Turned down my QRP+ to 100mW tonight:
Worked OK1HF (Czech. Rep.) on 20m, 559 report, about 42,154 miles/watt.

For me, almost too hard to believe.

Getting into QRPP,
Ed Kessler, AA3SJ

Date: Sat, 17 Jul 1999 23:14:14 -0400 (EDT)
From: malman@world.std.com (Joel Malman)
To: qrp-l@Lehigh.EDU
Cc: k1qm@world.std.com
Subject: [45416] ICOM Mike connectors
Message-ID: <199907180314.AA25673@world.std.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Folks,

Seems like ICOM has gone to strange connectors for MIC's. The current rigs (and probably back a few years) have what looks like a telephone RJ45 (8 pin connector). By using the RJ45, ICOM has made things pretty hard if you want to work with their MIC connection to install external MIC devices.. ie small amps, non-ICOM MIC's, etc.

If you are without the special tool needed for the RJ45 pins you are pretty much out-of-luck.

Anyone have a work-around for this? Maybe a RJ45 to a standard MIC style adaptor?

--
/joel K1QM Concord, MA
QRP-L 337, QRP-ARCI 9305

Date: Sat, 17 Jul 1999 23:20:51 -0400
From: "Tim Cook" <timcook@erinet.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [45417] Omni-C ALC MOD???
Message-ID: <077601bed0cc\$8c683d20\$907f5acf@timcook.erinet.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I had a mod for the corsair that would essentially allow for the ALC to control 2 ranges. With the addition of a resistor and a toggle switch on the back, the ALC ranges would be 0-20 watts and 20-100 watts (stock). The mod would also work on the Omni series. I have mislaid the info. Does anyone have this info available to send to me, I would like to modify an Omni-C.

Thanks
Tim
NZ8J

Date: Sat, 17 Jul 1999 23:21:49 -0400
From: "John J. McDonough" <jjmcd@tm.net>
To: <malman@world.std.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [45418] Re: ICOM Mike connectors
Message-ID: <002c01bed0cc\$ae527d60\$010044c0@conor-mac-nessa>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

-----Original Message-----
From: Joel Malman <malman@world.std.com>

>Seems like ICOM has gone to strange connectors for MIC's.

hehe - funny how different folks ... I thought it was GREAT that they finally went to a common, easy to get connector!

72/73 de WB8RCR <http://www.qsl.net/wb8rcr/>
didileydadidah QRP-L #1446 Code Warriors #35

Date: Sat, 17 Jul 1999 22:29:18 -0500
From: "ke5tc" <ke5tc@crosstel.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [45419] re: w8kc qrp-l cd
Message-ID: <000f01bed0cd\$b8ec0060\$d86c1ece@computer-1>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Thanks to Paul for the CD, it works great on my computer. Lots of info.
and will keep me busy on several cold winter nights.
OK, Paul, put the 100 dimes I sent you in the daughters piggy bank.
72 de ke5tc/qrp
cq#482 /Ft. Smith QRP Club

Date: Sat, 17 Jul 1999 20:39:35 -0600
From: tom whalen <wb5qyt@eFortress.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [45420] ATTN: WILLIAM BLACK
Message-ID: <37913E67.6019@eFortress.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Bill, your email address keeps bouncing. Try emailing me please..

Tnx for the bandwidth..Tom WB5QYT..

Date: Sat, 17 Jul 1999 22:31:32 -0500
From: Jay Bromley <w5jay@alltel.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [45421] NorCal - Embedded Research Surface Mount Ft. Tuthill Early Bird Event
Message-ID: <37914A94.D2C269BD@alltel.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

First of all this posting is from Doug Hendricks, not Jay Bromley. I am visiting Jay here in Ft. Smith, and I have not had a chance to post anything until today.

To make a long story short, last week I had dinner with the two TiCK keyer guys, Brad Mitchell and Gary Diana in LeRoy, New York. While we were having dinner, they made a proposal that was a fabulous idea. Embedded Research is going to provide 50 kits to give guys a chance to have an experience building a surface mount kit, and the neat thing is that they are absolutely free. If you are going to Ft. Tuthill, and you want to try building a surface mount kit, all that you have to do is find me Friday and I will give you a surface mount kit to build. The only thing that Gary and Brad ask is that you build it at Ft. Tuthill. I'll get with Bob Hightower and see if he can get us in to one of the rooms there and I'll have a couple of soldering irons. The kit? It is a TiCK 2B surface mount kit! Courtesy of Embedded Research. You will need to provide a 3-5 volt power source, and some hookup wire and a case, (how about something original like an altoids tin??).

We'll build TiCK Surface Mount kits until all of them are gone, and Brad and Gary have donated 50 of them to NorCal for this event. What a neat idea, and thanks to both of them for sharing with the QRP community.

By the way JoAnne and I will be arriving at the Fort Tuthill campground on Thursday evening, and are looking forward to seeing all of the QRP crowd there. Bob Hightower and the crew always do a bang up job putting on the event, and they have another great time planned for us this year. If you are anywhere near the area, I encourage you to attend. It is going to be another huge event, and we will have tons of fun. See you in Arizona. 72, Doug

Thanks to Jay Bromley for letting me post on his account. And Kathy says it is fine with her.

Date: Sat, 17 Jul 1999 22:42:59 -0500
From: "Steve Yates, AA5TB" <aa5tb@swbell.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [45422] Re: ICOM Mike connectors
Message-ID: <002c01bed0cf\$a2314c20\$a437a497@aa5tb>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

"hehe - funny how different folks ... I thought it was GREAT that they finally went to a common, easy to get connector!"

I agree. I just recently purchased a Yaesu FT-90R and it is my first rig with this style of connector and I find it much easier to deal with then the previous styles. The microphone can be removed in a second. It would be nice to have an adapter that would allow one to experiment or quickly hook up accessories.

73,
Steve Yates - AA5TB
Fort Worth, TX - EM12gs
<http://home.swbell.net/aa5tb>

Date: Sat, 17 Jul 1999 22:46:37 -0500
From: Jay Freeman <jayFreem@direcpc.com>
To: malman@world.std.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [45423] Re: ICOM Mike connectors
Message-ID: <37914E1D.E909A182@direcpc.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Joel,

You can get a decent crimping tool for around \$40, perhaps it would be a

good club buy. Or you can try to find someone in the cabling business and borrow one. Most cable dudes I know would be happy to crimp a couple for you.

72/3,

Jay -WT9S

Joel Malman wrote:

> Folks,
>
> Seems like ICOM has gone to strange connectors for MIC's. The current
> rigs (and probably back a few years) have what looks like a telephone
> RJ45 (8 pin connector). By using the RJ45, ICOM has made things pretty
> hard if you want to work with their MIC connection to install external
> MIC devices.. ie small amps, non-ICOM MIC's, etc.
>
> If you are without the special tool needed for the RJ45 pins you are
> pretty much out-of-luck.
>
> Anyone have a work-around for this? Maybe a RJ45 to a standard MIC
> style adaptor?
>
> --
> /joel K1QM Concord, MA
> QRP-L 337, QRP-ARCI 9305

Date: Sat, 17 Jul 1999 23:51:43 -0400
From: Pete Burbank <plburbank@kih.net>
To: unlisted-recipients;; (no To-header on input)
Subject: [45424] Re: QRP-L CD ROM (W8KC Release) NOW CLOSED!!!
Message-ID: <3.0.32.19990717235139.006ff27c@kih.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 09:45 PM 7/17/99 -0400, you wrote: Look for them to start popping up on Ebay.

>
>73! =paul= W8KC
>Collector of Ten*Tecs and other fine plastics
><<http://www.acs.oakland.edu/~prvalko>>

Paul, No way ...Who wants all the dumb things they have said auctioned off....to much like a political person. I think I

can spell "tators"

Thanks sincerely for all your time and effort expended for us
bunch of unwashed heathens out in the ether. Please carry on!!
It's folks like you that keep this thing going.
Tnx again es 73 de Pete NV4V...number something or other

Date: Sat, 17 Jul 1999 22:53:52 -0500
From: Jay Freeman <jayFreem@direcpc.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [45425] Nice surprise in the mailbox today
Message-ID: <37914FCF.6A108F59@direcpc.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Howdy Neighbors,

I had the pleasure of working Dean, KH6B in the ARS Sprint a couple weeks ago. I sent him a card, and was happy to see an envelope from him today. It not only contained the valuable QSL, but a certificate making me a member of the HI QRP club! I'm number 145. Stuff like this really makes my day :). I feel like I ought to go to their meetings now, except they don't have any meetings :). It'd be a good trip anyway.

Thanks Dean!

72/3,

Jay - WT9S

Date: Sat, 17 Jul 1999 23:47:54 -0500
From: "Tracy Underwood" <ku4fl@email.msn.com>
To: <cdhamel@pdq.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [45426] Re: UTC or ZULU
Message-ID: <001001bed0d8\$b47914e0\$a2340a3f@default>

The US military abbreviated UTC (or GMT) as a lower case z following the number; for no particular reason except that it was easy. Zulu is, of course, the international phonetic for z.

Tracy, KU4FL

-----Original Message-----

From: Charles Hamel <cdhamel@pdq.net>

To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Date: Saturday, July 17, 1999 3:13 PM
Subject: UTC or ZULU

>Forgive me for asking a stupid question but I am letting a simple time
>conversion get the best of me. What is the difference in UTC and ZULU if
>any?? and is there a computer program that converts CST to UTC??

>

>Thanks

>

>Charles

>KC5DXQ - Norcal Zombie - HQRP- QRP-L #1919

><http://www.angelfire.com/de/kc5dxq/index.html>

>

>

Date: Sat, 17 Jul 1999 23:59:25 -0500
From: "Tracy Underwood" <ku4fl@email.msn.com>
To: <aa5tb@swbell.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [45427] Re: ICOM Mike connectors
Message-ID: <004101bed0da\$4fb284e0\$a2340a3f@default>

Radio Shack has the tool for 10-15 bucks. Pays for itself in no time.

Tracy, KU4FL

-----Original Message-----

From: Steve Yates, AA5TB <aa5tb@swbell.net>

To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Date: Saturday, July 17, 1999 10:48 PM

Subject: Re: ICOM Mike connectors

>"hehe - funny how different folks ... I thought it was GREAT that they
>finally went to a common, easy to get connector!"

>

>I agree. I just recently purchased a Yaesu FT-90R and it is my first rig
>with this style of connector and I find it much easier to deal with then
the

>previous styles. The microphone can be removed in a second. It would be
>nice to have an adapter that would allow one to experiment or quickly hook
>up accessories.

>

>73,

>Steve Yates - AA5TB
>Fort Worth, TX - EM12gs
><http://home.swbell.net/aa5tb>
>
>

Date: Sun, 18 Jul 1999 06:24:35 +0100
From: "Tony Fishpool" <g4wif@btinternet.com>
To: <malman@world.std.com>, "Low Power Amateur Radio Discussion" <qrp-
l@lehigh.edu>
Subject: [45428] Re: ICOM Mike connectors
Message-ID: <006901bed0de\$20258700\$cb158cd4@p75>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

The RJ45 is now a standard used in LAN wiring. The tools to terminate a plug are available in the \$10 range from all sorts of places - probably Radio Shack in the U.S. have them. Of course, \$10 will buy you only a cheap plastic tool, but for Ham use it will be OK. RJ45 patch cords and through couplers are also available from LAN supply sources for not a huge amount of money. So all in all, it's not a bad standard.

Kind regards
Tony G4WIF (who got out of structured cabling when the going was good)

-----Original Message-----
From: Joel Malman <malman@world.std.com>

>Folks,
>
>Seems like ICOM has gone to strange connectors for MIC's
<snip>

Date: Sat, 17 Jul 1999 22:26:05 -0700
From: David J Adams <adamsclan@netgate.net>
To: QRP <qrp-l@lehigh.edu>
Subject: [45429] QRP-l Archive CD

Message-ID: <3791656D.E36AF8A8@netgate.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Greetings! As the issue has come up, I'll announce that I am still willing (bum checks aside) to make copies of the QRP-L CD for anyone interested. Route A or B. Send email to reserve a copy and send \$10 or disk/mailler to:

David Adams
619 Alamo Ct #410
Mountain View CA 94043
73 de dave, n9uxu

Date: Sat, 17 Jul 1999 22:50:29 +0000
From: Roger Hightower <n7kt@earthlink.net>
To: QRP-L <qrp-l@lehigh.edu>
Subject: [45430] QRP-L Archive CD
Message-ID: <379108B5.2F6FD33E@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Same here. I'll still make copies, and will have some available at the ScQRPions booth at Fort Tuthill.

If you want it by mail, the address is:

Roger Hightower, N7KT
1265 W. Kiowa Circle
Mesa, AZ 85202

Blank CD with addressed mailer, or \$10.00 check or M.O.

72...Roger

--

73, de Roger, N7KT
qrp-l #62, NorCal #1099, Zombie #006
Mesa, AZ 85202

Date: Sun, 18 Jul 1999 00:28:28 -0700
From: Russ Dow <n7dw@garlic.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [45431] Re: UTC or ZULU
Message-ID: <3791821C.DD227C45@garlic.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Gang,

Actually, Z(ulu) is not the only time zone designator. Every time zone has a letter. They go up from A(lpha) proceeding eastward from Z/GMT/UTC, around the globe and through the alphabet. With 24 time zones and 26 letters a couple of letters must be skipped somewhere, but I don't know which or where. During my 22 years in the Air Force and Army I was stationed in many time zones around the world in time zones like Alpha, Charlie, Romeo, and several others.

Regarding time conversion programs, there may be some, but I agree with the person who said the best converter is your brain. Well, my brain often needs a bit of help. No computer in my shack, so I keep a cheap digital clock running on UTC year round. Another thing, WWV announces time in UTC. Listen in, compare to your clock, and you have instant conversion.

73,
Russ N7DW (PDT = UTC - 7)

Tracy Underwood wrote:

> The US military abbreviated UTC (or GMT) as a lower case z following the
> number; for no particular reason except that it was easy. Zulu is, of
> course, the international phonetic for z.

Date: Sun, 18 Jul 1999 02:50:56 -0500
From: "Randall K. Kennard" <Firefox@Southwind.Net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [45432] Books
Message-ID: <37918760.D5E00A4D@Southwind.Net>
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Does anyone know of a good book or manual on test procedures used on RF equipment.

Date: Sun, 18 Jul 1999 09:49:24 -0400
From: "Alex Mendelsohn" <ai2q@ispchannel.com>
To: <ku7y@dri.edu>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [45433] Ladder line
Message-ID: <000001bed124\$58ae5340\$5c32a7d0@mendelsohn.ispchannel.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Speaking of ladder line, does anyone have any they'd like to sell or swap? I don't mean the stuff made with black plastic dielectric, but the type sold a few years ago by Belden and Saxon. You know, the 450-ohm kind with little white plastic insulators every six inches or so.

I've just used my last 100-ft. and live near the seashore, so its life expectancy is relatively short.

Tks in advance. Vy 73, AI2Q, Alex in Kennebunk, Maine .-.-.

> -----Original Message-----

> Anybody use long lengths of ladder line (>200 feet)?
> >
> > Too long?
> > Comments?
> >
>

Date: Sun, 18 Jul 1999 09:11:23 -0500
From: "Dwain Lawhon" <dlawhon@ix.netcom.com>
To: <qrp-1@Lehigh.EDU>
Subject: [45434] Thanks to LZ2RS and AD6A - 1st CW DX QSO (Long)
Message-ID: <001301bed127\$6b3ad4e0\$972cd3c6@ix.netcom.com>

MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

As a first post to the list, I can't think of a subject more exciting.

I bought a Red Hot NC-20 Kit from Dave Fifield, AD6A while attending Hamcom here in Dallas last month. (Dave will remember me, I was the grey haired, antique looking guy that kept hanging around looking for one of the Elmer 101 manuals - never did get one!)

Anyway, I had other projects in the mill and decided to wait until I took some vacation in July to build the kit. Finally took vacation this last week and dug into all of the postponed projects. Got the Red Hot NC-20 finished along with a 30m/20m trap dipole, the base for a SLV, and lots of "honey-dews" (and they call that a vacation!) Finally got the xmtr offset calibrated about 9:00-pm last night. The rig is truly "Hot". I can hear signals well below 0.5-uv out of the HP Sig. Gen.

Hooked the rig to my antique ES-1 vertical and started looking. My first contact was W8ORW for a 529 and was a quickie as Ron had to pull out. I proceeded to tune the band and heard LZ2RS/QRP calling CQ near 14.056 (boy I like that AFA). I tried him on the vertical, but a strong station started calling him. I don't know why he didn't hear the other station, but he didn't.

I decided to go to the Mosley TA-36 (another antique) pointed it toward Europe and started tuning again. "Lo-an-behold", there he was up the band a bit. I gave him another call and almost fell out of the chair when he answered me.

We exchanged a 579 for his 5-watts and a 559 for my one watt. (I like K5FO's style, so decided to set the output power low - the NC-20 puts out lots more if needed)

We exchanged the basic info and then Rumi said he would reduced his power to 1-watt. I gave him a 359 at the reduced power. I was starting to have problems with the copy so had to cut it short (the beam has an intermittent coax that needs to be fixed - been up toooooo many years). We've got to exchange cards to confirm the contact since it's a milestone for me. Haven't figured out what the MPW figure is yet, but it's not important, Two fellow hams communicated half way 'round the world with 1-watt on both ends - that is important!

I've already got a QSL card ready to go. Thanks Rumi for the FB contact. Will be listening for you in the future.

I have been a ham for 43 years and until last night have never worked a DX station on CW. The rush is unbelievable!. Can't figure out why the wife didn't get excited too. I may have to sell off all of my (you guessed it) antique Collins gear to fund more QRP stuff.

Thanks Dave for the fine work on the "Red Hot NC-20" and making it possible for me to still do something "New" in a very old and honorable hobby!

73

Listening for you in the Ether! (I still talk about Megacycles & Kilocycles too!)

Dwain - K0LOA
Richardson, TX

Date: Sun, 18 Jul 1999 10:52:09 -0400
From: "Alex" <aturner@netunlimited.net>
To: <qrp-1@lehigh.edu>
Subject: [45435] Need QRP info.
Message-ID: <005601bed12d\$1d782860\$7503a5d0@pentium-ii>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

First of all thanks to all the members that answered my question about the 2N22/40 parts/kit.

I am getting back into ham radio after a long absence and this time I want to use QRP only and homebrew when possible. Now I'll get to my request; I've reviewed most of the available kits and have seen references to some of them in the postings here, but is there one that any of you would advise I not start with? Please post private if you want. Which band would you suggest I start with as far as finding activity?

I never used any of the WARC bands is there one or more of them I should look at?

I'm sure all these questions have been answered before, but I don't have my CD yet so I will have to ask your indulgence of these newbie questions

Tnx
Alex.N4BYJ
aturner@netunlimited.net

Date: Sun, 18 Jul 1999 11:36:06 -0400
From: "Tim Cook" <timcook@erinet.com>
To: "[Ten Tec] - Reflector" <tentec@contesting.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [45436] Ten Tec model 255 power supply info needed
Message-ID: <089d01bed133\$42bbe520\$907f5acf@timcook.erinet.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I need some information on a model 255 power supply. What should the voltage be going from the rectifier to the regulator board? what transistors are used as pass transistors?
I will try Ten Tec tomorrow for a schematic, but thought someone might have some info available today while I am working on it.

Thanks
Tim
NZ8J

Date: Sun, 18 Jul 1999 08:49:19 -0700
From: dave_epps@juno.com
To: malman@world.std.com
Cc: qrp-1@Lehigh.EDU
Subject: [45437] Re: ICOM Mike connectors
Message-ID: <19990718.085833.-116655.0.dave_epps@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

The radio shack telephone line cords with the 8 pin modular connectors on each end work good. "NOTICE" , the plugs on each end are reversed from each other.
 dave ab5pc fresno, ca.

On Sat, 17 Jul 1999 23:14:14 -0400 (EDT) malman@world.std.com (Joel Malman) writes:

>Folks,
>
>Seems like ICOM has gone to strange connectors for MIC's. The current
>rigs (and probably back a few years) have what looks like a telephone
>RJ45 (8 pin connector). By using the RJ45, ICOM has made things
>pretty
>hard if you want to work with their MIC connection to install
>external
>MIC devices.. ie small amps, non-ICOM MIC's, etc.
>
>If you are without the special tool needed for the RJ45 pins you are
>pretty much out-of-luck.
>
>Anyone have a work-around for this? Maybe a RJ45 to a standard MIC
>style adaptor?
>
>--
>/joel K1QM Concord, MA
>QRP-L 337, QRP-ARCI 9305
>
>
>
>
>
>
>
>
>
>

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Date: Sun, 18 Jul 1999 11:59:09 EDT
From: Dean W Manley <kh6b@juno.com>
To: qrp-l@Lehigh.EDU
Cc: kh6b@juno.com
Subject: [45438] Re: Nice surprise in the mailbox today
Message-ID: <19990718.060215.5391.0.kh6b@juno.com>

Greetings to the group.

Jay WT9S wrote:

>I feel like I ought to go to their meetings now, except

>they don't have any meetings :). It'd be a good trip anyway.

I bit of information about world headquarters of the
Hawaii QRP Club, Hilo, Hawaii:
True, we don't have "meetings", however a group
gathers DAILY, 8:30-10:30 a.m. at the Jack in the Box
restaurant, mile marker 2 on the Volcano Highway.
Just a reminder that members and visitors are always
welcome.

Aloha,

Dean KH6B
Hilo Hawaii

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Date: Sun, 18 Jul 1999 11:13:30 -0400
From: k5xu@concentric.net
To: <qrp-1@lehigh.edu>
Subject: [45439] PL for IC-2AT
Message-ID: <00ed01bed130\$3c508d60\$204aadce@mike>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Recently, I acquired a near perfect IC2-at. I would like to add at least
one PL tone to it so that it will be more usable in my area.

Is this doable, and which chip do I need?

Mike Duke, K5XU

Date: Sun, 18 Jul 1999 12:16:01 -0400
From: Bill B Lazure <n2tpa@juno.com>

To: qrp-1@Lehigh.edu
Subject: [45440] CW TX Speed question
Message-ID: <19990718.121740.6582.9.N2TPA@juno.com>

Gang,

I've sen a tremendous amount of info concerning how to boost one's CW copy. I don't think I've ever heard a treatise on how to boost one's sending speed. I can typically copy anything sent to me (except those going so fast that it sounds like a continuous tone!), but feel like I'm trying other's patience waiting for me to get my info out at 25 WPM or so.

So, does any one have sound and proven advice for breaking the speed plateau when sending? If practice alone is it, why am I not improving after 12 years of essentially operating CW only?

FYI: I use MFJ paddles with a TICK 1 keyer.

73,

Bill
W2EB

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Date: Sun, 18 Jul 1999 11:18:35 -0500
From: guillotstutoring@juno.com
To: qrp-1@Lehigh.EDU
Subject: [45441] Band width with wit: Have you been hamming too long.
Message-ID: <19990718.111835.-164505.0.guillotstutoring@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

During Field Day you try to recharge xcvr batteries with a lightning rod and jumper cables, then maybe you have been hamming too long.

If you cannot remember what the white stuff is in an Altoids box, then...

If every time you make a QRP, UHF, SSTV xcvr with a delta antenna it comes out looking like Tinky Winky, then ...

Ed Guillot, N5ED, New Orleans, LA
qrp-l#1951, qrparci#3988, ARRL(life)

Get the Internet just the way you want it.
Free software, free e-mail, and free Internet access for a month!
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Sun, 18 Jul 1999 12:23:45 EDT
From: ARDUJENSKI@aol.com
To: qrp-l@lehigh.edu
Subject: [45442] LADDER LINE SOURCE
Message-ID: <9f7d71c2.24c35991@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Someone was looking for ladderline. It is commercially available at:
<http://www.w7fg.com>

Alan KB7MBI

Date: Sun, 18 Jul 1999 12:38:01 -0400
From: Hugh Duff <hduff@ica.net>
To: qrp-l@lehigh.edu
Subject: [45443] Sell: HW-9 WARC kit
Message-ID: <379202E9.DB96C22@ica.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=x-user-defined
Content-Transfer-Encoding: 8bit
Content-Transfer-Encoding: 8bit

HW-9 Warc kit...all parts with documentation. US\$45

Date: Sun, 18 Jul 1999 12:33:48 -0400
From: "John J. McDonough" <jjmcd@tm.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Cc: "Jim Kortge, K8IQY" <jokortge@cwix.com>
Subject: [45444] Re: New 2N2/40 Circuitry
Message-ID: <001e01bed13b\$52e0ea60\$010044c0@conor-mac-nessa>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hey gang ... an update...

With a lot of rework (my building isn't all that good) and a lot of encouragement and help from Jim, I now have a working receiver. I don't seem to have a lot of audio out given all those transistors, but the receiver hears good, and that variable filter is pretty cool. I suspect something is amiss in the audio, but I'm sure I'll work it out.

I'll update the pictures as soon as they are available ... I sent the last batch out by mail, to avoid having to scan them. I can't get the quality I want with the digital camera. The next batch will be by mail, too.

A couple of learning experiences:

- It was a REAL good move to tin the pads before starting
- It helps to check everything against the schematic *AND* the parts layout. Sometimes you don't see the same thing!
- You really need to think about each section, and generally build each section from the inside of the board out. It's just too tough to get the iron on the inside. In some places there's a little thinking about which parts stand up higher, too.
- It probably would have been better to lay down all the Vcc jumpers before starting ... I got quite a way into it before I figured that out. There are a few other wires to lay down, too, but most of it is the Vcc.
- You CAN test, even with the crudest of equipment. Mine consists of a Radio Shack meter and a G3RJV RF probe. Oh, and an FB40 makes a dandy signal generator.

Now on to the transmitter!

72/73 de WB8RCR <http://www.qsl.net/wb8rcr/>
didileydadidah QRP-L #1446 Code Warriors #35

Date: Sun, 18 Jul 1999 13:26:10 -0400
From: osier <osier@northnet.org>
To: qrp-1@lehigh.EDU
Subject: [45445] help on QSL program
Message-ID: <37920E32.55D9B147@northnet.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hello All!!!!

Many thanks to all who replied!!!!
There is never a lack of cooperation or info here!!!!!!!!!!

73s
George , N2JNZ/QRP

Date: Sun, 18 Jul 1999 11:48:09 -0700
From: Russ Dow <n7dw@garlic.com>
To: k5xu@concentric.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [45446] Re: PL for IC-2AT
Message-ID: <37922169.ECDD5869@garlic.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Mike,

Years ago I had an Icom 3AT. Same as yours but for 220 MHz. The tone generator we all used was from Communications Specialists, Inc. (See www.com-spec.com for info. Also they advertise in QST and CQ VHF.) It was a small, slim board that fit easily inside.

Check the SS-64 on their web page. This appears to be an updated version of my 1984 board, now with a DIP switch on the board. This should make installation a snap, and in operation it should not be an inconvenience if you only need one tone.

For frequent switching you might want to install a DIP switch through the case. (There is interior space for a DIP switch in the rear upper left corner.) Deviation level was set by an off-board resistor in series with the tone output. You may need to do something similar if they have not added a

level control.

QRP related: The 2/3/4AT handhelds ran 150 mW or 1.5 W with the standard battery pack. From good locations I accessed mountaintop repeaters up to 150 miles away with a rubber duckie antenna. YMMV.

Hope this helps. Thanks for the bandwidth.

73,
Russ N7DW

k5xu@concentric.net wrote:

> Recently, I acquired a near perfect IC2-at. I would like to add at least
> one PL tone to it so that it will be more usable in my area.
>
> Is this doable, and which chip do I need?
>
> Mike Duke, K5XU

Date: Sun, 18 Jul 1999 11:54:02 -0700 (PDT)
From: Monte Stark <ku7y@dri.edu>
To: Russ Dow <n7dw@garlic.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [45447] Re: UTC or ZULU
Message-ID: <Pine.GS0.4.10.9907181152550.1944-1000000@rotor.dri.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Russ and all,

I haven't seen a chart of the zones/letters for years. I think I was in the Army the last time I saw one.

Anyone know if there is one handy someplace??

cul,

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....

....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Sun, 18 Jul 1999 12:28:28 -0800
From: "Dan Hogan" <dhhogan@nav.cnchost.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [45448] Re: UTC or ZULU
Message-ID: <199907181922.PAA00089@repulse.cnchost.com>

Ron:

Try this URL for a Time zone map"
http://aa.usno.navy.mil/AA/faq/docs/world_tzones.html

Dan Hogan WA6PBY
West Covina, CA
QRP-L #558

Date: Sun, 18 Jul 1999 15:34:46 -0500
From: "George Heron" <n2apb@erols.com>
To: <ku7y@dri.edu>, "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [45449] Re: UTC or ZULU
Message-ID: <003701bed15c\$fce030e0\$ceceaccf@computer>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Bib Hightower's KI7MN excellent website has a useful
timezone chart:
<http://www.extremezone.com/~ki7mn/utcconv.htm>

72, George N2APB

>I haven't seen a chart of the zones/letters for years. I
>think I was in the Army the last time I saw one.
>
>Anyone know if there is one handy someplace??

Date: Sun, 18 Jul 1999 14:39:16 -0500
From: "ke5tc" <ke5tc@crosstel.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [45450] re: conversion chart utc
Message-ID: <002001bed155\$4b83b260\$876c1ece@computer-1>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Inside back cover of ARRL log books (paper) had several interesting charts:
international q signals -- ITU phonetic alphabet -- time conversion chart --
the R-S-T system -- U.S. amateur bands -- and some other stuff on previous
pages..

72 de ke5tc/qrp
cqcf#482 /Ft. Smith QRP Club

-----Original Message-----

From: Monte Stark <ku7y@dri.edu>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Date: Sunday, July 18, 1999 1:58 PM
Subject: Re: UTC or ZULU

>Hi Russ and all,
>
>I haven't seen a chart of the zones/letters for years. I
>think I was in the Army the last time I saw one.
>
>Anyone know if there is one handy someplace??
>
>cul,
>
>73, Ron, SOWP 5545M,
>
>.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
>....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
>....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....
>
>

Date: Sun, 18 Jul 1999 15:56:32 -0400 (EDT)

From: malman@world.std.com (Joel Malman)
To: qrp-1@Lehigh.EDU
Subject: [45451] Gold Rush
Message-ID: <199907181956.AA28664@world.std.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hey enough QRO sayings....

QRP Gold Rush 2000-2200z TODAY (4-6 Eastern)... Note the
exchange: RST + SPC + Class + CQC Member # or Pwr Out.

"Be On The Air -- Or Be Square"

--

/joel K1QM Concord, MA
QRP-L 337, QRP-ARCI 9305

Date: Sun, 18 Jul 1999 16:06:20 EDT
From: Macstein@aol.com
To: jayFreem@direcpc.com, qrp-1@lehigh.edu
Subject: [45452] Re: Nice surprise in the mailbox today
Message-ID: <b6613d4a.24c38dbc@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

In a message dated 7/17/99 10:59:29 PM EST, jayFreem@direcpc.com writes:

> I had the pleasure of working Dean, KH6B in the ARS Sprint a couple
> weeks ago. I sent him a card, and was happy to see an envelope from him
> today. It not only contained the valuable QSL, but a certificate making
> me a member of the HI QRP club! I'm number 145. Stuff like this really
> makes my day :). I feel like I ought to go to their meetings now, except
> they don't have any meetings :). It'd be a good trip anyway.

Congrats Jay! Dean is one super guy and a darned good op. Perhaps we could
car/plane pool to get to the "meeting"?!

-MAC- (HIQRP # 83)
KF4KSM
Odessa, FL

Date: Sun, 18 Jul 1999 16:01:52 -0400
From: "Prof. Arnaldo Coro Antich" <inforhc@mail.infocom.etecsa.cu>
To: <qrp-1@LeHigh.edu>
Subject: [45453] RE: SW20 DXing
Message-ID: <00b101bed15d\$fd66f7a0\$96a09ea9@default>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Took the SW20 to the bedside table after working a few stations last evening from the shack. Connected my random length wire used for SWling and spent an hour monitoring 20 meters...while in bed, reading the latest computer stuff that arrived recently via e-mail. It was almost two o'clock in the morning local time 0600 UTC, and could pick up several european stations working their sunset terminator line propagation peak.. Slept only until 7.30 am local time, 11.30 ZULU of course, and then the SW20 brought not only the expected North Americans, but also several japanese stations, and several South Americans that are now working CW too... Did NOT attempted to transmit in the interest of the health of the SW20 output transistor final... The comment just brought to the list because this very simple circuit with NO RF stage, and no IF amplifiers AT ALL... really makes WONDERS picking up weak signals... Selectivity, for my personal use is good, and the audio frequency response curve shape really helps to avoid listening fatigue... OK, see some of you later today on 20 meters... tuning range from 14.015 to 14.070 (yes I hear the computers up there PSKing and Pactoring !!!

Arnie Coro C02KK

e-mail:arnie@radiohc.org
e-mail:inforhc@mail.infocom.etecsa.cu
Postal address:
Prof. Arnaldo Coro Antich
La Torre no.127 entre 35 y 37
Nuevo Vedado, Plaza
Ciudad Habana , 10600

CUBA

Date: Sun, 18 Jul 1999 16:51:05 -0400
From: "Prof.Arnaldo Coro Antich" <inforhc@mail.infocom.etecsa.cu>
To: <qrp-1@LeHigh.edu>
Subject: [45454] RE: 20 meters short skip QRP
Message-ID: <00c401bed15f\$428eb6a0\$96a09ea9@default>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Worked a couple of Texas stations via
what seems like sporadic E skip...
Intense QSB, and QRP signals doing good
tell me that some E cloud is hanging
above the Gulf of Mexico.
For those of you that "believe" like me
that at least one type of sporadic E is
weather related, take a look at the weather
map and see the area of high intensity
thunderstorms on the southwest corner
of the Gulf of Mexico... this may be
giving UP so called SPRITES, that in turn
IONIZE the E layer !
Can hear a lot of static on 14 mHz this
afternoon, still running the SW20 to the
FAN DIPOLE... Hope to work some of the
QRP-L gang later today !!!
Arnie
C02KK
Arnie Coro C02KK
Host of Dxers Unlimited
Radio Habana Cuba
e-mail:arnie@radiohc.org
e-mail:inforhc@mail.infocom.etecsa.cu
Postal address:
Prof. Arnaldo Coro Antich
La Torre no.127 entre 35 y 37
Nuevo Vedado, Plaza
Ciudad Habana , 10600
CUBA

Date: Sun, 18 Jul 1999 15:51:25 -0500
From: Jeff Davis <jeff@jehosophat.com>
To: QRP-L List <qrp-l@lehigh.edu>
Subject: [45455] Canoe Trip
Message-ID: <19990718155125.A14096@jehosophat.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Folks,

Recently my eleven year-old son and I took a little canoe trip and we took a QRP rig along. It certainly was no contest-like operation, ours was a very modest operation but working CW in the great outdoors is always fun!

If interested you can read about our micro-adventure at:

<http://jehosophat.com/ham/paddles.html>

--
72 de Jeff, N9AVG
QRP-L #1640 | QRP ARCI #9756 | NorCal #2891
<http://jehosophat.com>

Date: Sun, 18 Jul 1999 12:52:16 -0800
From: Jim Larsen AL7FS <al7fs@pobox.alaska.net>
To: "qrp-l@lehigh.edu" <qrp-l@lehigh.edu>
Subject: [45456] Argghhhh!!!! de AL7FS
Message-ID: <37923E80.B6B1F3F8@pobox.alaska.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

and again...Argghhhh!!!

My ears are killing me. Almost no signals are strong enough to work today. I did work K0EVZ twice so far...thanks, Doc. and one maybe contact with N0RC. He's in the log for better or worse...mostly worse.

I am taking a 10 minute break and then I will be back on. Hey, maybe I can even work Doc for the third time. It just kills me that I get a 559 or a 569 and all I can give is a 229 or 339. I am ripping off contacts at a 3 per hour rate. Wow!

<Sigh.> :-)

Jim

--

73, Jim Larsen, AL7FS <http://www.qsl.net/al7fs/>
Anchorage, Alaska
<mailto:al7fs@qsl.net>
ICQ 11022915

Date: Sun, 18 Jul 1999 16:56:58 EDT
From: SMurph555@aol.com
To: qrp-l@lehigh.edu
Subject: [45457] RadioKit K1BQT QRP Xcvrs
Message-ID: <f223a458.24c3999a@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi all,

I bought a couple of the subject Rick Littlefield QRP transceivers on E-bay. The seller indicated that one isn't finished and the other isn't working. He told me he has the complete documentation on them. So this note isn't a complaint of any sort, but a request for information.

Does anyone have any comments on these rigs that might be of help to me before I get out the test equipment and heat up the soldering iron? I'd appreciate such comments - a direct e-mail might be best.

BTW, I understand that this design later became, with modifications, I imagine, the MFJ QRP CW monobanders.

72/73

Cal K4JSI

Date: Sun, 18 Jul 1999 15:51:31 -0500
From: rbcallahan@juno.com
To: Qrp-L@Lehigh.EDU
Subject: [45458] SST's for sell
Message-ID: <19990718.155131.20270.0.rbcallahan@juno.com>

I have a 40 meter and 20 meter SST for sell. First, on the 40 meter SST I have installed a switch to switch between two crystals which gives me about 7.030 to 7.045 or so coverage. Also I installed a air cap on the front panel for a little RIT control...Also on the 20 meter SST I have installed a CAP for RIT control that is accessible through a hole I

drilled in the top cover and I installed a switch to switch between both voltage variable caps supplied with the kit. Both work very well. I am asking only \$65 each. I will sell one or both. First come first served. I will ship anywhere in US. I assure your satisfaction. I used the 20 meter SST with a homebrew external amp for over a year and love it. I now have a Sierra and don't use the SST's anymore.

If interested please E-mail me at: rbcallahan@juno.com

Thanks,

Bob Callahan KC5T #1792

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Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Sun, 18 Jul 1999 17:27:00 EDT
From: n5ib@juno.com
To: qrp-1@Lehigh.edu
Subject: [45459] DSW-20 on the air at USS Kidd
Message-ID: <19990718.151834.4783.3.N5IB@juno.com>

First two QSO's with the DSW20 aboard the USS Kidd (using a 55 ft end-fed wire running from the aft radar jamming compartment to the 2nd stack) were an OM2 and an F6 - both better than 1000 mi/watt. Check

<http://www.qsl.net/n5ib>

later in the week for pics of the new rig

Thanks, Dave, for the DSW design.

73
Jim N5IB

Get the Internet just the way you want it.
Free software, free e-mail, and free Internet access for a month!
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Sun, 18 Jul 1999 17:16:20 -0500

From: David Gauding <david.gauding@bbs.galilei.com>
To: qrp-l@lehigh.edu
Cc: W1rfi@arrl.org
Subject: [45460] Tuna Tin 2 Revival
Message-ID: <1.5.4.32.19990718221620.00a5b840@bbs.galilei.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Gang,

Reporting a nice surprise in the mailbox this week. A QSL from W1RFI for our forty meter 2 X QRP on June 15 while he was operating the original Tuna Tin 2 xmtr.

Ed Hare was running 650mW (not sure of his antenna) to my 1W from a Ten-Tec Corsair I and a St. Louis Doublet at 30'. 339 x 329 respectively though it did take awhile for us to make the exchange. QSB, QRM, QRN etc.

Included with the card is a nice certificate with a picture of the rig.....and a real happy cat just behind it! <g> I'll find a good spot on the wall for this one! Thanks OM Ed!

de dave, NF0R nf0r@slacc.com

Date: Sun, 18 Jul 1999 18:26:06 -0400
From: marklori@visuallink.com
To: qrp-l@Lehigh.EDU
Subject: [45461] Gold Rush
Message-ID: <3.0.6.32.19990718182606.00796100@visuallink.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

What a rush it was! My apologies for any miscopied calls, etc. I haven't been much of a tester, especially on QRP, but think that is changing! Here's the log:

KC4GIA CQC Gold Rush Log

Time	Call	SPC	Ant	Mem#/PWR	Pts
------	------	-----	-----	----------	-----

2012	K0FRP	CO	B	#32	3
2019	KQ0I	IA	W	5W	3
2024	N4BP	FL	B	5W	3
2032	W0LK	AR	W	#350	3
2039	ND9C	WI	B	5W	3
2052	K0FRP	CO	B	#32	2
2101	WT9S	IL	W	5W	3
2104	N4BP	FL	B	5W	2
2113	ND9C	WI	B	5W	2
2138	KR0I	MO	V	#424	3
2146	K0FRP	CO	B	#32	1
2150	K5LN	TX	V	4W	3
2158	AF5Z	TX	W	5W	3

Total 8 3 34 = 816 points

Dupes: K0FRP 2012 2052 2146
 N4BP 2024 2104
 ND9C 2039 2113

SPC: CO IA FL AR WI IL MO TX

CQC#: 32 350 424

Soapbox: This was my first CW Sprint of any type and it was a lot of fun!
 Only one stupid thing (that I'm aware of). I was 3/4 of the way
 through the 'test and realized I was on the wrong antenna. I had
 been on the 30m Super Sloper! Well, it loaded ok! Oh well, I
 finished up on the beam as I was giving out that class entry in the
 exchange. Thanks to all for the great time and sorry if my CW skill
 (or lack thereof) caused any inaccuracies.

Station: Yaeus FT757GX at 4 watts to A3S tribander at 50 ft.
 (Fed through 195 ft of 1/2" hardline)
 Sorry, no "real" rig built yet for 20m.

Date: Sun, 18 Jul 1999 15:52:01 -0400
 From: Nils R Young <nilsbull@juno.com>
 To: elecrafft@qth.net, QRP-L@lehigh.edu
 Subject: [45462] Beach side radio adventures

Message-ID: <19990718.155207.16342.2.nilsbull@juno.com>

Gang,

To quote a very old Bonzo Dog Band tune: "We checked in to our hotel just after two and met a family from Bradford that we knew" (From "My pink half of the drain pipe," on a now lost but well-remembered LP from the 60s)

Here's the log, froggies:

11 July 99

EA7AQL Tony near Seville 30m 10W rcvd RST 349
SM4DNZ Rolf in Hammar 17m 5W rcvd 449
OK2KJ Josef in Brno 30m 5W rcvd 559
WB3DOM Ron in Erie 30m 5W rcvd 439

12 July 99

KA2ZOR Zoro in Millville, NJ 40m 5W rcvd 589

13 July 99

N9VV Ken near Chicago 30m 5W rcvd 579
FP/W8MV 17m 5W rcvd 599
P49V 17m 5W rcvd 599

14 July 99

ER10D Wlad 30m 5W rcvd 539
N2VDF Bob in Oakdale, NY 40m 5W rcvd 579
W0CG Geoff in Ohio 30m 5W rcvd 579
K1AF Owen in Southport NC 30m 5W rcvd 539

15 July

CX3CE Luis in Montevideo 30m 5W rcvd 559
DF5JT Peter in Berlin 30m 5W rcvd 529/559
UR5SFX Andy 30m 5W rcvd 559
LZ10J Don in Kazanlik 20m 5W rcvd 559
UT7LW Gorie 20m 5W rcvd 449
VK6HD Mike 17m 5W 549
EA5ASQ John 17m 5W rcvd 559

16 July

UA6LAK Val 20m 5W rcvd 559

The set up was the fresh K2 (still tweaking alignments), a home-brew Z-match (still squeaking that one too) and one of Walter's DK9 10 meter high telescoping fiberglass poles. The pole was lashed to the beach-side deck of the house, with the bottom about 10 ft off the ground. The pole had a 40 ft chunk of teflon covered multifilament wire clipped to the top

& slowly twisted up the pole. The ground was another chunk of the same wire clipped to a couple pieces of bent over coat hanger wire pushed into the wet beach side just above high tide mark and below the wet spot in the sand under the deck where everyone hosed off their feet after coming in from a day of getting bronzed.

The power source was a 2 Ah cam corder battery which was charged between use (and during use) with a 2 A wall-wart and one of Mike Bryce's miniature charge controllers.

What's cool is not so much that this could be another wonderful story of success with a new radio kit that everyone is either lusting after, building, playing with or trying to ignore. The cool part is that, except for one contact at the beginning of this scenario, every contact was made with 5 W.

I think there may be a couple Thousand Mile Per Watt awards in there. Uruguay maybe. Australia for sure.

Now, who did I hear but not work? Well, these guys. Some of 'em did give me a couple QRZ's before saying "sri om too weak hr 73 gl." The heard list: UX3SX, PY2CWS, HC5AI OH0/DK5JM, DJ1KI, PY2NHH, 9A4NG, NU2C, IS00MS, EW3CW, SU1AJW, RZ3BY, PZ1DG, YL2PQ, CE2LZR (another potential 1kW/watt deal, had I made the Q) & PY2YU.

And that five-letter coded groups station on 10126.06 on Friday around 1130 UTC. Wide, loud & clicky

So I guess it's time to make the 5W efficiency mod permanent on the K2 & start working on a better carrying-case/operating set up for next year. That and another DK9 pole & a different antenna wire/ground wire system. Which is another story.

Sorry no pictures. Cindy left with the beginnings of a sinus infection which, despite all the vodka drinking among the women of the families present, she soon passed around to everyone in the place with the exception of one child.

And I will not digress into the young girl in the gossamer, lace-trimmed bikini-underwear look-alike "thingie" that wiggled past me twice in one afternoon with one of those "don't you wish you could. old man?" looks on her pretty little face.

73

Nils

Nils R. Bull Young :: La Estancia de los Guajolotes Sonrientes
WB8IJN &c :: The Tagalong Press :: email to nilsbull@juno.com

"In my day we had to FIGHT to have email! Every day was a struggle!"
-- Comrade Sergei Nikolaievich

McTovarishov

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Date: Sun, 18 Jul 1999 16:49:25 -0600
From: "Marshall Emm" <mgemm@mtechnologies.com>
To: al7fs@pobox.alaska.net, qrp-1@lehigh.edu
Subject: [45463] Re: Arghhhhhh!!!!!! de AL7FS
Message-ID: <199907182248.QAA02739@edison.chisp.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-Transfer-Encoding: 7BIT

Hi, Jim--

>>and again...Arghhhhhh!!!
My ears are killing me. Almost no signals are strong enough to work
today.<<

My ears hurt too. Heard you in there but didn't get a chance to work you.
Conditions were patchy, plus I think I have a problem with my antenna. Funny, I
spent almost 2 hours getting my backup antenna back up in the air yesterday,
but it;s got a problem and I thought what the heck, it's just the backup.
Figures.

Still fun-- even if I only managed 40 QSOs. There were many more I should have
worked.

73
Marshall Emm
N1FN/VK5FN
n1fn@MorseX.com
Morse Express and Oak Hills Research
"Everything for the Morse Enthusiast"
<http://www.MorseX.com>
<http://www.ohr.com>
(303)752-3382

--

Date: Sun, 18 Jul 1999 18:53:10 -0400
From: "Frank Matthews" <fmathews@pilot.infi.net>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [45464] CW Decoder in QST
Message-ID: <002d01bed170\$4fb29ac0\$b20861d1@fmathews>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Fellow QRP-Lers

I plan to build the CW Decoder that was featured on the cover of this month's QST and am in the process of ordering the parts. Normally the author of the article is kind enough to list the part number from the source...making ordering a real breeze. This time...it didn't happen. :-(

I really don't mind looking up part numbers in the catalogs (usually Digi-Key and Mouser) but I am uncertain as to what exactly to order for a few of the parts. Example...X1 is a 4 MHz microprocessor crystal. Sounds simple...until I look in the catalog and there is the choice of "series" or "20pf". Also, a list of capacitors (about 9) all have the same value of 0.1uf. Ok...but what kind? Does it matter?

If anyone else on the server is building this project I would appreciate a little insight. If you have seen the article and have the expertise to "solve the riddles" I would also appreciate your input.

72, Frank
KC4FKX

P.S. I ordered the pc board and pic from FAR Circuits. They said they would ship in about ten days as they found a mistake on the board and are redoing the design. Just thought you would like to know in case you were thinking about ordering one.

End of QRP-L Digest 1522

